

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled)

2. (Canceled)

3. (Canceled)

4. (Canceled)

5. (Canceled)

6. (New)      A multitrack optical disc reader comprising:

a multitrack optical pick up for reading data from multiple tracks of an optical disc and outputting data from each track in respective data streams; and

a memory bank in which first-in-first-out (FIFO) buffers for temporarily storing data from the respective data streams may be dynamically defined,

wherein the reader can use less than the maximum number of tracks such that when less than the maximum number of tracks are used, only FIFO buffers for data streams for those tracks used are defined, and wherein each of the FIFO buffers defined has a size equal to the total FIFO memory that can be defined in the memory bank divided by the number of tracks being used.

7. (New)      A multitrack optical disc reader comprising:

a multitrack optical pick up for reading data from multiple tracks of an optical disc and outputting data from each track in respective data streams; and

a memory bank in which first-in-first-out (FIFO) buffers for temporarily storing data from the respective data streams may be dynamically defined,

wherein the reader can use less than the maximum number of tracks that can be read such that when less than the maximum number of tracks that can be read are being used, one or more of the FIFO buffers are defined to have a size equal to or greater than the total FIFO memory that can be defined in the memory bank divided by the number of tracks that can be read being used or the maximum number of tracks that can be read by the pickup.